Image 1615

Atty. Docket No.: 4231/2002 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Liew, et al.	Examiner:	Not Yet Assigned
Serial No.:	10/085,783		
Filed:	February 28, 2002	Group Art Unit:	1615
Entitled:	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	Conf. No.:	8718

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated above in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Andrea MacVarish
Name of Person Mailing Paper

Andrea MacVarish
Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Supplemental Information Disclosure Statement (1 page);
2. Copy of International Search Report from related foreign application ;
3. Form PTO-1449 (1 page);
3. Copies of Cited References from International Search Report (8 references); and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 4231/2002. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: February 12, 2004

Name: Christopher D. Southgate
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Application of:	Liew et al.	Examiner:	Not yet assigned
Serial No.:	10/085,783		
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Andrea MacVarish
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Commissioner for Patents
P.O. Box 1450
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§§ 1.56, 1.97 AND 1.98

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Supplemental Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list.

Pursuant to CFR § 1.97(e)(1), each item contained in the Supplemental Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application or International application. Because this statement is being filed within three months of receipt of the Search Report, no fee is believed to be due. A copy of the Search Report is included and cited on the enclosed PTO-1449.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: February 12, 2004

Name: Christopher D. Southgate
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Customer No.: 29933
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USPTO Form 1449 U.S. Department of Commerce
Patent and Trademark Office

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Attorney Docket No.	Serial No.
4231/2002	10/085,783

Applicant(s):. Liew et al.

Filing Date: February 28, 2002 Group: 1615

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	1	WO 99 32610 A	July 1, 1999	WIPO				
	2	EP 0 705 842 A	April 10, 1996	EP				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	3	Database EMBL Online!, VAN ASSELDONK ET AL., Homo Sapiens Alpha Gene Sequence, Database accession no. AF203815, XP002243659, Abstract, 6/6/2003
	4	ANDREWS J. ET AL., Gene Discovery Using Computational and Microarray Analysis of Transcription in the Drosophila Melanogaster Testis.Genome Research, vol. 10, December 2000, pages 2030-2043.
	5	PATEL I.R. ET AL., TNF-Alpha Convertase Enzyme From Human Arthritis – Affected Cartilage: Isolation of cDNA by Differential Display, Expression of the Active enzyme, and Regulation of TNF – Alpha, The Journal of Immunology, 1998, 160: pages 4570-4579
	6	SHUKUNAMI ET AL., Expression of Cartilage-Specific Functional Matrix Chondromodulin-I mRNA in Rabbit Growth Plate Chondrocytes and Its Responsiveness to Growth Stimuli *in Vitro*, Biochemical and Biophysical Research Communication, vol. 249, no. 3, August 28, 1998, pages 885-890.
	7	ALIZADEH A. ET AL., The Lymphochip: A Specialized CDNA Microarray for the Genomic-Scale Analysis of Gene Expression in Normal and Malignant Lymphocytes, Cold Spring Harbor Symposia on Quantitative Biology, vol. 64, no. 1, 1999, pages 71-78
	8	DUGGAN D. J. ET AL, Expression Profiling Using cDNA Microarrays, Nature Genetics, vol. 21, , January 1999, pages 10-14

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.